

CONTENTS

CHAPTERS PLANNED FOR VOLUME 35 (1984)	xi
BEHAVIORAL MEDICINE: SYMBIOSIS BETWEEN LABORATORY AND CLINIC, <i>Neal E. Miller</i>	1
ELECTROPHYSIOLOGY OF COGNITIVE PROCESSING, <i>Steven A. Hillyard and Marta Kutas</i>	33
ETHOLOGY, COMPARATIVE PSYCHOLOGY, AND ANIMAL BEHAVIOR, <i>Charles T. Snowdon</i>	63
AUDITION: SOME RELATIONS BETWEEN NORMAL AND PATHOLOGICAL HEARING, <i>Dennis McFadden and Frederic L. Wightman</i>	95
PERCEPTION AND REPRESENTATION, <i>Paul A. Kolers</i>	129
DIAGNOSIS AND CLINICAL ASSESSMENT: THE DSM-III, <i>H. J. Eysenck, James A. Wakefield, Jr., and Alan F. Friedman</i>	167
PERSONALITY: STAGES, TRAITS, AND THE SELF, <i>Jane Loevinger and Elizabeth Knoll</i>	195
EVALUATION RESEARCH: A METHODOLOGICAL PERSPECTIVE, <i>Paul M. Wortman</i>	223
INSTRUCTIONAL PSYCHOLOGY, <i>Robert M. Gagné and Walter Dick</i>	261
HORMONAL INFLUENCES ON MEMORY, <i>James L. McGaugh</i>	297
COMPREHENSION, PRODUCTION, AND LANGUAGE ACQUISITION, <i>Eve V. Clark and Barbara Frantz Hecht</i>	325
ANIMAL COGNITION, <i>David Premack</i>	351
CROSS-CULTURAL RESEARCH IN PSYCHOLOGY, <i>Richard W. Brislin</i>	363
PSYCHOPATHOLOGY: BIOLOGICAL APPROACHES, <i>Monte S. Buchsbaum and Richard J. Haier</i>	401
PERSONALITY STRUCTURE AND ASSESSMENT, <i>Leonard G. Rorer and Thomas A. Widiger</i>	431

viii CONTENTS (continued)

SOCIAL AND PERSONALITY DEVELOPMENT, <i>Ross D. Parke and Steven R. Asher</i>	465
SOCIAL INFERENCE, <i>Reid Hastie</i>	511
PSYCHOLOGY OF ADULT DEVELOPMENT AND AGING, <i>James E. Birren, Walter R. Cunningham, and Koichi Yamamoto</i>	543
INDEXES	
Author Index	577
Subject Index	598
Cumulative Index of Contributing Authors, Volumes 30-34	618
Cumulative Index of Chapter Titles, Volumes 30-34	620

SOME ARTICLES IN OTHER ANNUAL REVIEWS
OF INTEREST TO PSYCHOLOGISTS

From the *Annual Review of Anthropology*, Volume 11 (1982)

Forensic Anthropology, Clyde Collins Snow

The Pattern of Human Evolution: Studies on Bipedalism, Mastication, and Encephalization, Henry M. McHenry

Sociobiology: Primate Field Studies, A. F. Richard and S. R. Schulman

The Anthropologies of Illness and Sickness, Allan Young

From the *Annual Review of Sociology*, Volume 8 (1982)

The Self-Concept, Viktor Gecas

Perspectives on the Concept of Social Control, Robert F. Meier

The Social Psychology of Deviance: Toward a Reconciliation with Social Structure, Anthony R. Harris and Gary D. Hill

Sex Roles: The Division of Labor at Home and in the Workplace, Joanne Miller and Howard H. Garrison

From the *Annual Review of Public Health*, Volume 4 (1983)

Appropriate Uses of Multivariate Analysis, James A. Hanley

Design and Analysis Methods for Longitudinal Research, Nancy R. Cook and James H. Ware

Critical Issues in the Conduct and Interpretation of Clinical Trials, Thomas A. Louis and Stanley H. Shapiro

Environmental Design and Health, S. Leonard Syme and Roslyn Lindheim

The Health Consequences of Deinstitutionalization, Milton Greenblatt and Margie Norman

Lessons from Health Care Regulations, Jonathan E. Fielding

From the *Annual Review of Medicine*, Volume 34 (1983)

Cannabis and Health, Reese T. Jones

Sensory Evoked Potentials: Clinical Applications in Medicine, Leslie J. Dorfman

The Diagnosis and Treatment of Major Depressive Disorder in Childhood, Joaquim Puig-Antich and Burt Weston

x OTHER ARTICLES OF INTEREST (continued)

From the *Annual Review of Neuroscience*, Volume 6 (1983)

The Reorganization of the Somatosensory Cortex Following Peripheral Nerve Damage in Adult and Developing Mammals, Jon H. Kaas, M. M. Merzenich, and H. P. Killackey

Clinical Implications of Receptor Sensitivity Modification, Arnold J. Friedhoff and Jeannette C. Miller

Molecular Approaches to the Nervous System, Ronald D. G. McKay

Cellular Processes of Learning and Memory in the Mammalian CNS, Richard F. Thompson, Theodore W. Berger, and John Madden IV

From the *Annual Review of Pharmacology & Toxicology*, Volume 23 (1983)

The Endorphins: A Growing Family of Pharmacologically Pertinent Peptides, Floyd E. Bloom

Nonopiod Neuropeptides in Mammalian CNS, Leslie Iversen

Special Announcement: Volume 1 of the *Annual Review of Immunology* (Editors: William E. Paul, C. Garrison Fathman, and Henry Metzger) will be published in April, 1983.

Coming for 1984 . . .

**CHAPTERS PLANNED FOR THE NEXT
ANNUAL REVIEW OF PSYCHOLOGY, VOLUME 35**

Prefatory Chapter, *Paul Fraisse*

Recovery of Function, *John F. Marshall*

Hormones and Behavior, *Harvey H. Feder*

Spatial Vision, *Gerald Westheimer*

Thinking and Concept Formation, *Edward E. Smith*

Judgment and Decision, *Gordon Pitz*

Human Learning and Memory, *David L. Horton
and Sigfrid D. Soli*

Biological Motivation, *Richard Whalen*

Childhood Development, *Robert B. Cairns*

Life-Span Development, *Marjorie P. Honzik*

Personality Structure and Assessment, *Richard I. Lanyon*

Developmental Perspectives on Psychopathology in Childhood,
Thomas M. Achenbach

Social and Community Interventions, *Ira Iscoe
and Connie Harris*

Attitude and Attitude Changes, *Joel Cooper*

Attribution and Interaction Phenomena, *John H. Harvey*

Personnel Selection and Placement, *Sheldon Zedeck
and Wayne Cascio*

Personnel Development and Training, *Kenneth N. Wexley*

Organizational Behavior, *Barry Staw*

Guidance and Counseling, *Fred H. Borgen*

Experimental Design and Data Analysis, *Bert F. Green*

Scaling, *Forrest W. Young*

Psychology in Mexico, *Rogelio Diaz-Guerrero*

Due to circumstances beyond our control, some of the articles listed above may not appear.

ANNUAL REVIEWS INC. is a nonprofit scientific publisher established to promote the advancement of the sciences. Beginning in 1932 with the *Annual Review of Biochemistry*, the Company has pursued as its principal function the publication of high quality, reasonably priced *Annual Review* volumes. The volumes are organized by Editors and Editorial Committees who invite qualified authors to contribute critical articles reviewing significant developments within each major discipline. The Editor-in-Chief invites those interested in serving as future Editorial Committee members to communicate directly with him. Annual Reviews Inc. is administered by a Board of Directors, whose members serve without compensation.

1983 Board of Directors, Annual Reviews Inc.

Dr. J. Murray Luck, Founder and Director Emeritus of Annual Reviews Inc.
Professor Emeritus of Chemistry, Stanford University

Dr. Joshua Lederberg, President of Annual Reviews Inc.
President, The Rockefeller University

Dr. James E. Howell, Vice President of Annual Reviews Inc.
Professor of Economics, Stanford University

Dr. William O. Baker, *Retired Chairman of the Board, Bell Laboratories*

Dr. Robert W. Berliner, *Dean, Yale University School of Medicine*

Dr. Winslow R. Briggs, *Director, Carnegie Institute of Washington, Stanford*

Dr. Sidney D. Drell, *Deputy Director, Stanford Linear Accelerator Center*

Dr. Eugene Garfield, *President, Institute for Scientific Information*

Dr. Conyers Herring, *Professor of Applied Physics, Stanford University*

Dr. D. E. Koshland, Jr., *Professor of Biochemistry, University of California, Berkeley*

Dr. Gardner Lindzey, *Director, Center for Advanced Study in the Behavioral Sciences, Stanford*

Dr. William D. McElroy, *Professor of Biology, University of California, San Diego*

Dr. William F. Miller, *President, SRI International*

Dr. Esmond E. Snell, *Professor of Microbiology and Chemistry, University of Texas, Austin*

Dr. Harriet A. Zuckerman, *Professor of Sociology, Columbia University*

Management of Annual Reviews Inc.

John S. McNeil, Publisher and Secretary-Treasurer
Dr. Alister Brass, Editor-in-Chief
Mickey G. Hamilton, Promotion Manager
Donald S. Svedeman, Business Manager

ANNUAL REVIEWS OF

Anthropology
Astronomy and Astrophysics
Biochemistry
Biophysics and Bioengineering
Earth and Planetary Sciences
Ecology and Systematics
Energy
Entomology
Fluid Mechanics
Genetics
Immunology
Materials Science
Medicine

Microbiology
Neuroscience
Nuclear and Particle Science
Nutrition
Pharmacology and Toxicology
Physical Chemistry
Physiology
Phytopathology
Plant Physiology
Psychology
Public Health
Sociology

SPECIAL PUBLICATIONS

Annual Reviews Reprints:
Cell Membranes, 1975-1977
Cell Membranes, 1978-1980
Immunology, 1977-1979

Excitement and Fascination of Science, Vols. 1 and 2

History of Entomology

Intelligence and Affectivity, by Jean Piaget

Telescopes for the 1980s

For the convenience of readers, a detachable order form/envelope is bound into the back of this volume.

